

## Subject / Course Name

| <b>Time Frame</b>                                 | <b>SOL Objective/<br/>Competency</b> | <b>Essential<br/>Understandings/Questions</b>   | <b>Essential<br/>Knowledge/Skills</b>  |
|---|--------------------------------------|---|--|
| <b>1<sup>st</sup> Quarter</b><br>(First 4½ Weeks) |                                      | <p>Overview of Anatomy and physiology<br/>Chemical Basis of Life</p> <p>Cellular Review</p> <p>Cellular Metabolism</p> <p>Tissues of the body</p> | <p>Identify Regions of body using correct terminology.</p> <p>Apply knowledge acquired in General biology class to new material.</p> <p>Differentiate the structures and function of each type of body tissue.</p> <p>Describe current technologies available for tissue replacements.</p> |

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|--|--------------------------------------|---|--|
| <b>2<sup>nd</sup> Quarter</b><br>(Second 4½ Weeks) |                                      | <p>Integumentary System</p> <p>Skeletal</p> <p>Muscular</p> | <p>Differentiate the structures and functions of the Integumentary system .</p> <p>Discuss the impact of injury to the integumentary system.</p> <p>Identify the bones of the body and their parts.</p> <p>Describe the function of each part of the skeletal system.</p> <p>Identify the types of injuries that can occur in the skeletal system.</p> <p>Identify the muscles of the body and their function.</p> |



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|  |  |  | Explain the role nutrition plays in the health of the body. |
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|--|--------------------------------------|---|---|
| <b>4<sup>th</sup> Quarter</b><br>(Last 4½ Weeks) |                                      | Respiratory<br><br>Urinary<br><br>Reproductive systems<br><br>Pregnancy | Identify the structures and function of the respiratory system. Describe the impact of environment on the respiratory system. Differentiate between the structures of the urinary system. Describe the consequences of short term and long term injury to the urinary system. Identify the structures and function of primary and accessory reproductive organs. Describe the progression of pregnancy from conception to delivery. |